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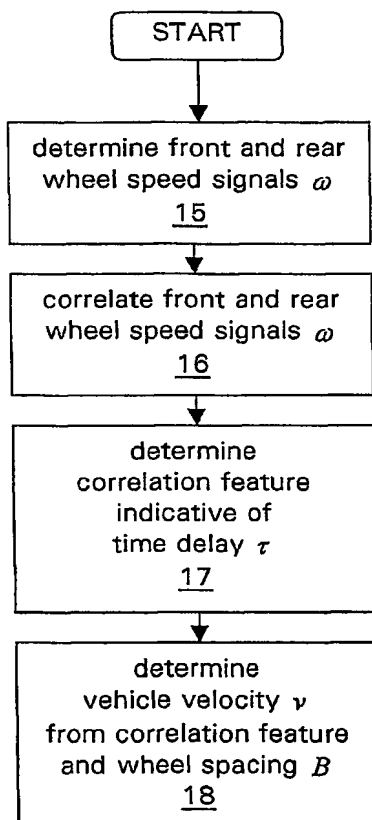
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(54) Title: METHOD AND SYSTEM OF DETERMINING THE ABSOLUTE VELOCITY OF A VEHICLE



(57) Abstract: A method of determining the velocity ( $v$ ) of a vehicle is provided. The vehicle has at least one pair of a front and a rear wheel which are spaced by a wheel spacing ( $B$ ). Front and rear wheel speed signals ( $\omega$ ) are determined which are indicative of the time dependent behavior of the front and rear wheel speeds, respectively. The front and rear wheel speed signals ( $\omega$ ) are correlated in order to determine a specific correlation feature indicative of the time delay ( $\tau$ ) between the front wheel and rear wheel speed signals. The velocity ( $v$ ) of the vehicle is determined based on said correlation feature and the wheel spacing ( $B$ ).

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*